Before operating this unit, please read this manual thoroughly and retain it for future reference.

User's Manual

GKB D447 Series IP Camera

HD IR Waterproof Bullet
Network Camera (Brilliant IR)

Making Security Easier.

GKB®

About this Manual

This user manual is for use with the GKB D447 Series IP Camera. This document contains important information and instructions detailing proper operation and maintenance of GKB D447 Series IP Camera. Installation instructions for these cameras are provided separately in the Installation Guide.

Be aware that GKB D447 Series IP Camera must be installed and used in accordance with the instructions given in this manual. Before installing or operating the unit, please read all safety notes and warnings provided in this manual.

GKB D447 Series IP Camera is a surveillance device for use in security systems that assist in the management of security. GKB is not liable nor can be held responsible for any material loss and/or personal injuries cause by robbery, fire, natural disaster or problems of any kind resulting from the use of this device.

Do not dispose this camera as general waste. This product must be treated as a recyclable product. Contact your local government recycling program or the supplier of the product to confirm the proper method of disposal

Warning and Precaution

Warning

This information is provided to ensure your safety and to prevent loss either physical or financial. Read carefully before using the product. Read all sections of this manual where the following marks are shown.

Ignoring this may result in material loss and/or serious personal injury including death.

Ignoring this may result in material loss and/or slight personal injuries.

Do not disassemble.

Precaution

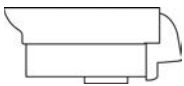
1. Do not drop the camera.
   GKB DZ Series IP Camera is not designed to resist heavy impact. Handle with care to avoid damage to sensitive internal components.

2. Do not expose the camera to radioactivity and mount facing strong light sources. Exposing the camera to radioactivity or strong light over long periods of time will damage the camera's sensor.

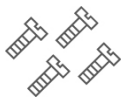
3. Do not supply voltage higher than GKB DZ Series regulated voltage.
   Before supplying power to your camera, please make sure the power supply voltage is supported by your camera.

4. Do not install the camera under unstable light conditions.
   Installing GKB DZ Series in environments
   with unstable light conditions may cause the camera to function abnormally.

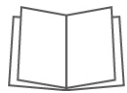
Package Content



Bullet Camera X 1

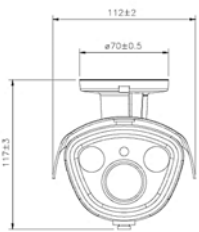


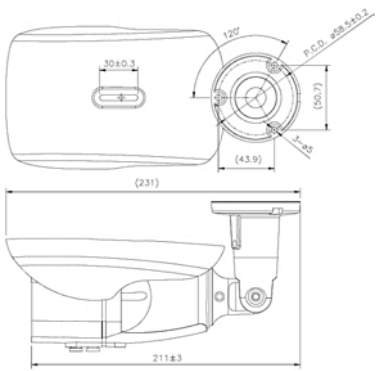
Accessory Pack X 1



User's Manual X 1

Dimensions (Unit: mm)





Features

GKB D447 Series

- CMOS Megapixel Sensor
- H.264 Video Compression
- Cloud Platform service
- Waterproof (IP66)
- 8 video streams
- Brilliant IR
- 2 way audio
- DI / DO

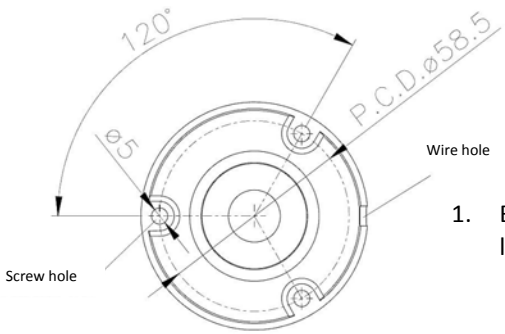
Software

- GKB_Loader includes Cam_setup, NVR10, Viewer11.
  http://www.gkbsecurity.com/software/GKB_Loader_Package.zip
- Cloud-NVR：http://www.cloud-nvr.com

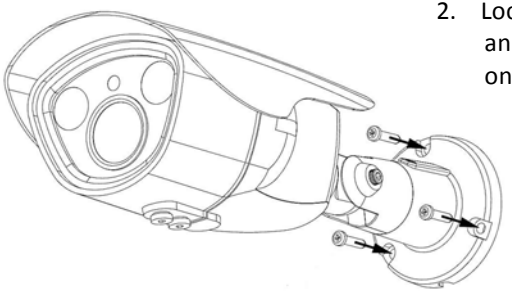
Specification

Model No.		GKB D44724	GKB D44731
Video	Resolution	720P(1280*720),VGA,QVGA	1080P(1920*1080),VGA,QVGA
	Frame Rate	Up to 720P, 30 fps	Up to 1080P, 25 fps
	Video Compression	H.264	
	Video Streams	8	
Camera	Image Sensor	1/4" CMOS HD Sensor	1/2.5" CMOS HD Sensor
	Lens	2.8~12mm lens	
	Min. Illumination	0.1 Lux (color mode)	
	Infrared Distance	30 meters; Brilliant IR	
	Infrared Quantity	2 pcs	
	Night Mode	Auto	
	White Balance	AWB	
	BLC	Yes	
	Shutter Control	1/10~1/10,000 sec Electronic rolling shutter(ERS)	
	Scanning System	Progressive	
	Gamma	0.45	
	S/N Ratio	>44 dB	
General	Power Supply	12V DC / PoE (IEEE 802.3af)	
	Power Consumption	<7W	
	Audio compression	GSM	
	Storage	MicroSD Card up to 32GB (Enable Remote Site Playback)	
	DI / DO	DI : 12V~24V DC DO : 30V DC-1A or 125V AC-0.5A	
	Connector	RJ-45 x 1 Audio In x 1 Audio Out x 1 DI x 1, DO x 1 Composite Video Output x 1	
	Dimension	231(L) x 117(H) x 89(ø) mm	
	Operating Temperature	-20℃ ~ 60℃	
	Weight	1000 g	
Networking	Protocol	HTTP,TCP,UDP,DNS,DHCP,PPPoE, Samba,RTP,RTCP,RTSP	
	Ethernet	10/100Mps Fast Ethernet RJ-45 port	
Software	Operating System	Windows XP and above	
	Software Package	NVR-10: 64 Channel NVR	Viewer-11
		Cloud-NVR http://www.cloud-nvr.com	Setup Software Utility

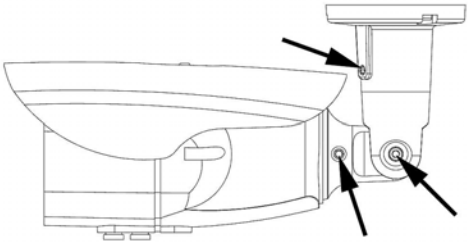
How to install GKB D447 Series?



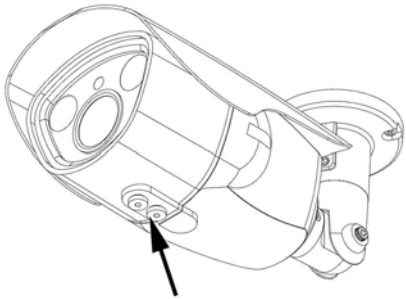
1. Bracket hole location and size



2. Lock the screws and fix bracket onto wall



3. Loose screws to adjust angle



4. Adjust focal length externally

Warranty Policy

For detailed information on product warranties and warranty claim, please contact your local GKB distributor or agent.

CE FC RoHS ISO 9001

CR100000334

© 2014 GKB Security Corporation. Specifications are subject to change without prior notice.